

## VISIT TO Adani Wilmer Ltd



**Name of Place:** Adani Wilmer Ltd (Mundra)

**Date:** 10<sup>th</sup> October ,2025

**Venue:** Mundra, Kutch

**No. of Students Participated:** 107 (2<sup>nd</sup> and 3<sup>rd</sup> Year EC and ICT students)

**Faculty Coordinators:** Dr. Hitesh Shah

Mr. Rohit Parmar

Mr. Pradeep Shah

Mr. Jay Pandya

Mr. Ramesh Sargara

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### 1. Introduction

An industrial visit to **Adani Wilmar Limited (AWL), Mundra**, was organized on **10th October 2025** for the students of **Electronics & Communication (EC)** and **Information & Communication Technology (ICT)** branches. The primary objective of the visit was to provide students with practical exposure to **large-scale edible oil manufacturing**, industrial automation, and modern processing technologies used in the food processing industry.

Adani Wilmar Limited is one of India's leading edible oil manufacturers and a prominent player in the FMCG sector. The Mundra unit, being a port-based refinery, plays a vital role in efficient raw material handling, processing, and distribution.

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### 2. Overview of the Plant

The Mundra facility of Adani Wilmar Limited is a **highly automated edible oil refinery** equipped with advanced processing, packaging, and quality control systems. Students were briefed about the overall plant layout, including **oil refining units, storage tanks, automated bottling lines, tin packaging units, and logistics infrastructure**.

The visit highlighted the integration of **mechanical systems, electrical drives, sensors, and control systems** to ensure smooth and efficient plant operations.

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### 3. Manufacturing and Packaging Process

During the visit, technical personnel explained the **step-by-step edible oil refining process**, which includes:

- Cleaning and preparation of raw oil
- Refining, bleaching, and deodorization processes
- Automated filling of oil into plastic bottles and tin containers
- Sealing, labeling, and packaging operations

Students observed **fully automated packaging lines**, where precision-controlled machines ensure high throughput, hygiene, and consistency in product quality.

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### 4. Automation, Control, and Quality Assurance

Special emphasis was placed on **automation and quality control**, which are highly relevant to EC and ICT students. The following aspects were discussed:

- PLC and SCADA-based monitoring systems
- Sensors and instrumentation used in processing lines
- Real-time quality inspection and defect detection
- Centralized control rooms for plant supervision

Students gained insights into how **industrial automation and communication systems** improve efficiency, safety, and product reliability.

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### 5. Safety and Hygiene Practices

The plant authorities emphasized strict **safety and hygiene standards** followed in the refinery. Students were briefed on:

- Electrical and mechanical safety procedures
- Fire safety and emergency response systems
- Food-grade hygiene and contamination control measures

This session reinforced the importance of safety and cleanliness in food processing industries.

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### 6. Conclusion

The industrial visit to **Adani Wilmar Limited, Mundra**, was an informative and enriching experience for EC and ICT students. It provided valuable exposure to **industrial-scale food processing, automation, and quality assurance systems**. The visit successfully bridged the gap between theoretical knowledge and practical industrial applications, making it a meaningful learning experience for all participants.

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**This Visit was organised in association of IEEE Student Chapter (GCET IEEE SB).**

## **PHOTOGRAPHS:**



Mundra, Gujarat, India 

Vm2p+wqh, Shantivan Colony, Mundra, Gujarat 370415,  
India

Lat 22.852384° Long 69.68715°

Friday, 10/10/2025 09:02 AM GMT +05:30

Google

GPS Map Camera



## SIGNATURE LIST:

Place of Visit: **ADANI WILMAR LTD, MUNDRA**

Date: **10/10/2025**

### SIGNATURE LIST

Sr. No	ENROLLMENT NO.	NAME OF STUDENT	LEVEL	SIGNATURE OF STUDENT
1	12302060501002	Aman Rambabu Singh	3rd Year	
2	12302060501003	Anushka Heman Shah	3rd Year	
3	12302060501004	Bhavya DHARMESHKUMAR Patel	3rd Year	
4	12302060501005	Darsh Ashok Upadhyay	3rd Year	
5	12302060501009	Divya Jayeshkumar Patel	3rd Year	
6	12302060501010	Drashti Arvindbhai Savaliya	3rd Year	
7	12302060501012	Shingala Himesh Prabhudasbhai	3rd Year	
8	12302060501013	Huzefa Imran Parekh	3rd Year	
9	12302060501017	Mantra Janardan Rajyaguru	3rd Year	
10	12302060501018	Meet Kiran Parekh	3rd Year	
11	12302060501019	Niraj Ravindra Keste	3rd Year	
12	12302060501020	Nirja Amar Fijiwala	3rd Year	
13	12302060501022	Parshwa Pankeshkumar Patel	3rd Year	
14	12302060501024	Rudresh Mebul Dave	3rd Year	
15	12302060501027	Siddhi JatinKumar Suthar	3rd Year	
16	12302060501032	Vishaal K Sugumar	3rd Year	
17	12302060501033	Vishu Shaileshbhai Porwal	3rd Year	
18	12302060501034	Zeel Paresk Kumar Agrawal	3rd Year	
19	12302060501035	Kritikaba Rajkumarsinh Zala	3rd Year	
20	12302060501038	Aadhya Vijaykumar Dave	3rd Year	
21	12302060501040	Neel Viralbhai Patel	3rd Year	
22	12302060501042	Sneh Manojkumar Mistry	3rd Year	
23	12302060501043	Vedant Nilesh Bhatt	3rd Year	
24	12302060501044	Dalwadi Hirangi Umeshbhai	3rd Year	
25	12302060601001	Darshan Dheerajbhai Jadav	3rd Year	
26	12302060601002	Dhyey Pragadeshbhai Patel	3rd Year	
27	12302060601003	Jaimin Ashokbhai Makwana	3rd Year	
28	12302060601004	Ujjawal Vachaspati Sharma	3rd Year	
29	12302060601005	Het Hiteshbhai Mehra	3rd Year	
30	12402050601004	Ananya thakar Samir thakar	2nd Year	
31	12402060501005	Patel Ansh Vishnubhai	2nd Year	

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**SIGNATURE LIST**

32	12402060501006	Aryan Bhavesh Chokshi	2nd Year	AB Chokshi
33	12402060501007	Daksh Rajeshbhai Karia	2nd Year	Daksh
34	12402060501008	Dev Bhaveshkumar Patel	2nd Year	Dev
35	12402060501009	Dev Bhavikbhai Patel	2nd Year	Dev
36	12402060501010	Dhruv Hiteshkumar Patel	2nd Year	Dhruv
37	12402060501011	Dhruv Jigneshkumar Rana	2nd Year	Dhruv
38	12402060501012	Dhruvi Hiteshkumar Bhatt	2nd Year	Dhruvi
39	12402060501013	Dhruvil Nimeshkumar Shah	2nd Year	D.W.S
40	12402060501014	Dhruvkumar Nileshkumar Patel	2nd Year	Dhruv
41	12402060501015	Dhyan Priteshkumar Patel	2nd Year	Dhyan
42	12402060501017	Hem Prafulchandra Patel	2nd Year	Hem
43	12402060501018	Himani Sampatkumar Joshi	2nd Year	Himani
44	12402060501019	Hirva Pravinbhai Narigara	2nd Year	Hirva
45	12402060501020	Honey Hemant Sakalshawala	2nd Year	Honey
46	12402060501025	Krina Jagdipsinh Mahida	2nd Year	Krina
47	12402060501026	Krish Chimantbhai Vadukiya	2nd Year	Krish
48	12402060501027	Krutil Niravkumar Patel	2nd Year	Krutil
49	12402060501029	Malay Jagdishbhai Kansagara	2nd Year	M.J.K
50	12402060501030	Misty Yogesh Patel	2nd Year	Misty
51	12402060501032	MUSTANSIR MURTUJABHAI JADLIWALA	2nd Year	Mustansir
52	12402060501033	Neel Dharmeshkumar Vyas	2nd Year	Neel
53	12402060501034	Neel Jigarkumar Prajapati	2nd Year	Neel
54	12402060501035	Neeti Hitendrabhai Shah	2nd Year	Neeti Shah
55	12402060501037	Piyush Kuldeep Sharma	2nd Year	Piyush
56	12402060501038	PRERAK SANDIPKUMAR KA.PATEL	2nd Year	Prerak
57	12402060501040	Priyadarshini Ashokbhai Jankat	2nd Year	Priyadarshini
58	12402060501042	Pruthvikumar Sanjaybhai Jasani	2nd Year	P.K.J.
59	12402060501043	Raj Amitbhai Patel	2nd Year	Raj
60	12402060501044	ROHAN CHANDRAKANTBHAI PATEL	2nd Year	Rohan
61	12402060501045	Rudra Dipakbhai Machhi	2nd Year	Rudra
62	12402060501046	Rutvi R Shah	2nd Year	Rutvi
63	12402060501048	Shiv Pankajkumar Chauhan	2nd Year	Shiv
64	12402060501049	Shreya Neel Patel	2nd Year	Shreya

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65	12402060501050	Shreyansh Bipin Khuble	2nd Year	
66	12402060501051	Shruti Ajay Paldhikar	2nd Year	
67	12402060501052	Jeet Tushar Bhai Shukla	2nd Year	
68	12402060501055	Taksh Jaykumar Patel	2nd Year	
69	12402060501056	Taksha Hetal Patel	2nd Year	
70	12402060501057	PATEL Tirth ALPESHKUMAR	2nd Year	
71	12402060501058	PARMAR UTSAVRAJ NARESHKUMAR	2nd Year	
72	12402060501059	Ved Kalpeshkumar Contractor	2nd Year	
73	12402060501060	Ved Pareshkumar Prajapati	2nd Year	
74	12402060501061	VEDANSH DARSHANKUMAR SUTHAR	2nd Year	
75	12402060501062	Vedantkumar Pankajbhai Prajapati	2nd Year	
76	12402060501063	Vedika Haresh Kanani	2nd Year	
77	12402060501064	Venisha Raiyani Dilipbhai	2nd Year	
78	12402060501067	Viva Nirav Shah	2nd Year	
79	12402060501068	Vrajesh Pareshkumar Rana	2nd Year	
80	12402060501069	Yakuta Hozefa Bhatia	2nd Year	
81	12402060501070	Yash Hiteshkumar Panchal	2nd Year	
82	12402060501071	Bhavya Mineshkumar Brahmhatt	2nd Year	
83	12402060501072	Dhruv Tushar Kumar Doshi	2nd Year	
84	12402060501077	samrat Jasvant Kiri	2nd Year	
85	12402060501078	Ved Kalpeshkumar Divawala	2nd Year	
86	12402060501079	Vidhi Jethva Jigneshbhai	2nd Year	
87	12402060503001	Kishan Narendra Patel	3rd Year	
88	12402060503003	Priyanshu S. Shah	3rd Year	
89	12402060603001	Gor Bhumika Harikrishna	3rd Year	
90	12402230501003	Aniyaliya Akshay Arvindbhai	2nd Year	
91	12402230501009	Dhrumi NileshBhai Vankar	2nd Year	
92	12402230501010	Hemany Vilasbhai Chaudhuri	2nd Year	
93	12402230501011	Ishan Prakashkumar Patel	2nd Year	
94	12402230501017	Krish Pravinkumar Deria	2nd Year	
95	12402230501021	NISARG GANPATBHAI PATEL	2nd Year	
96	12402230501026	CHAUHAN RUDRA SHANIKUMAR	2nd Year	
97	12402230501029	Umang Nandubhai Pawar	2nd Year	

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98	12402230501030	Vatsal bharatbhai Khanpara	2nd Year	V.Khanpara
99	12403020605030	MAHEK VIRENDRASINH PUVAR	3rd Year	MAHEK
100	25ECD001	Jinil Bhargavkumar Jani	2nd Year	Jinil
101	25ECD401	Het Manojkumar Parekh	2nd Year	Het Manojkumar Parekh
102	25ECD402	Preya Ashwinkumar Patel	2nd Year	PREYA
103	25ECD403	Priyanshi Nileshbhai Patel	2nd Year	Priyanshi
104	25ICTD001	Shubham Rashmin Pandya	2nd Year	Shubham
105	25ICTD003	Hansaliya Shyam Jitendrabhai	2nd Year	Hansaliya
106	25ICTD401	Sara Sanjeev Varghese	2nd Year	Sara
107	25ICTD402	Ved NimeshBhai Vaidhya	2nd Year	Ved
108				

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G. H. PATEL COLLEGE OF ENGINEERING & TECHNOLOGY, VALLABH VIDYANAGAR  
(The Charutar Vidya Mandal (CVM) University)